

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F01B1/06 F01B9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F01B F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 477 061 A (IRVING ORVILLE E) 26 July 1949 (1949-07-26) column 2, line 7 - column 4, line 74 figures 1-3	1-3
A	GB 1 194 067 A (NILS LNMMART MARTHINS) 10 June 1970 (1970-06-10) column 1, line 1 - column 3, line 5 figures 1-4	1
A	US 793 270 A (H.E.B LOMGREN) 27 June 1905 (1905-06-27) figure 1	1
A	US 1 817 375 A (LEO IMBLUM) 4 August 1931 (1931-08-04) column 1, line 1 - column 2, line 62 figures 1-4	1
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the International filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the International filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the International search

5 January 2005

Date of mailing of the International search report

12/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Matray, J-F

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 30 32 745 A (BERGER WOLFGANG) 22 April 1982 (1982-04-22) page 5, paragraph 4 - page 6, paragraph 5 figures 1,4,5 -----	1

Information on patent family members

International Application No

T/BG2004/000019

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2477061	A	26-07-1949	NONE			
GB 1194067	A	10-06-1970	NONE			
US 793270	A		NONE			
US 1817375	A	04-08-1931	NONE			
DE 3032745	A	22-04-1982	DE	3032745 A1		22-04-1982